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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/053,354	
	Filing Date	November 2, 2001	
	First Named Inventor	Rosenthal, Dan E.	
	Art Unit	2123	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	8	Attorney Docket Number	020910-000210US

ENCLOSURES (check all that apply)

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Firm or Individual	Protein Mechanics, Inc. Charles K. Sholtz	Reg. No. 38,615
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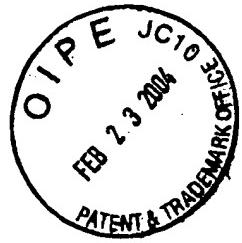
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dan E. Rosenthal

Application No.: 10/053,354

Filed: November 2, 2001

For: METHOD FOR RESIDUAL FORM
IN MOLECULAR MODELING

Examiner: Unassigned

Art Unit: 2123

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
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The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Dan E. Rosenthal
Application No.: 10/053,354
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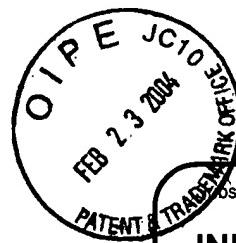
Respectfully submitted,



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	020910-000210US
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Complete if Known

Application Number	10/053,354
Filing Date	November 2, 2001
First Named Inventor	Rosenthal, Dan E.
Art Unit	2123
Examiner Name	Unassigned

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		ABAGYAN, et al., "New Methodology for Computer-Aided Modelling of Biomolecular Structure and Dynamics 2. Local Deformation Cycles", 1989, <i>Journal of Biomolecular Structure & Dynamics</i> 6(4):833-845.	
		GIBSON, et al., "Variable Step Molecular Dynamics: An Exploratory Technique for Peptides with Fixed Geometry", 1990, <i>Journal of Computational Chemistry</i> 11(4):468-486.	
		JAIN, et al., "Linearization of Manipulator Dynamics Using Spatial Operators", 1993, <i>IEEE Transactions on Systems, Man and Cybernetics</i> 23(1):239-248.	
		LUDOVICE, et al., "Molecular dynamics of geometrically constrained polymer systems in generalized coordinates: Basic formalism", 1991, <i>Computational Polymer Science</i> 1:69-79.	
		MAZUR, et al., "New Methodology for Computer-Aided Modelling of Biomolecular Structure and Dynamics 1. Non-Cyclic Structures", 1989, <i>Journal of Biomolecular Structure & Dynamics</i> 6(4):815-832.	
		PESKIN, ET AL., "Molecular Dynamics by the Backward-Euler Method", 1989, <i>Communications on Pure and Applied Mathematics</i> XLII:1011-1031.	
		ROSENTHAL, et al., "High Performance Multibody Simulations via Symbolic Equation Manipulation and Kane's Method", 1986, <i>The Journal of the Astronautical Sciences</i> , 34(3):223-239.	
		ROSENTHAL, "An Order n Formulation for Robotic Systems", 1990, <i>The Journal of the Astronautical Sciences</i> , 38(4):511-529.	
		ROSENTHAL, "Engineers Notes: Triangulation of Equations of Motion for Robotic Systems", 1988, <i>The Journal of Guidance</i> , 11(3):278-281.	
		SCHLICK, et al., "A molecular dynamics simulation of a water droplet by the implicit Euler/Langevin scheme", 1991, <i>J. Chem. Phys.</i> , 94(3):2118-2129.	
		ZHANG, et al., "The Langevin/implicit-Euler/normal-mode scheme for molecular dynamics at large timesteps", 1994, <i>J. Chem. Phys.</i> 101(6):4995-5012.	

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